

ACC NR: AR7001756

waves, which is juxtaposed with an analogous equation for the case of the amplification of a fast cyclotron wave (CW). Amplification is caused by the coupling of a fast CW with a slow CW (which occurs, for instance, in a quadrupole pumping arrangement). It was found that the amplification of both the fast CW and of the synchronous wave (SW) occurs in an electrostatic pumping device. The amplification of the fast CW is achieved due to the active coupling and energy exchange with one of the SW of the electron flux. Moreover, it is noted that in a system using ESP, it is possible to amplify CW and SW of the flux by pumping at a frequency which is relatively close to that of a doubled cyclotron. [Translation of abstract]

SUB CODE: 0940

[DW]

Card 2/2

L 33576-66 ENT(1)

ACC NR: AR6016253

SOURCE CODE: UR/0058/65/000/011/H028/H028

66
B

AUTHOR: Zhelezovskiy, B. Ye.

TITLE: Certain problems in the theory of parametric traveling-wave and backward-wave amplifiers

SOURCE: Ref. zh. Fizika, Abs. 11Zh193

REF SOURCE: Sb. Vopr. elektron. sverkhvysok. chastot. Vyp. I. Saratov, Saratovsk. un-t, 1964, 27-34

TOPIC TAGS: traveling wave amplifier, backward wave amplifier, parametric amplifier, Poisson equation, electron motion, transmission line, traveling wave interaction

ABSTRACT: The method of coupled waves of J. R. Pierce (Traveling Wave Tubes, Van Nostrand, 1950) is developed for the analysis of parametric amplifiers operating in the nondegenerate mode ($\omega_p \neq 2\omega_s$). A system of differential equations is obtained by simultaneously solving the equations of motion and continuity of the charge, the Poisson equation, and the equation of the long line. Assuming that under certain conditions one can neglect the interaction with the fast or slow space-charge wave, we can lower the order of the characteristic determinant of this system and calculate the gain under the conditions when the interaction is respectively only with the slow or only with the fast wave. A procedure for calculating the gain is presented. G. M.
[Translation of abstract]

SUB CODE: 09 /

Card 1/1 PB

L 42911-66 EWT(1) JM
ACC NR: AR6015866

SOURCE CODE: UR/0275/65/000/012/A023/A023

AUTHOR: Zhelezovskiy, B. Ye.

49
B

TITLE: Some aspects in the theory of parametric TWT- and BWT-amplifiers

SOURCE: Ref. zh. Elektronika i yeye primeneniye, Abs. 12A158

REF SOURCE: Sb. Vopr. elektron. sverkhvysok. chastot. Vyp. 1. Saratov. Saratovsk. un-t, 1964, 27-34

TOPIC TAGS: traveling wave tube, backward wave tube, electronic amplifier, parametric amplifier

ABSTRACT: A description is given of a method which makes it possible to simplify the problem of the analysis of the parametric interactions of an electron flow with a moderating TWT (traveling-wave tube) system which is based on the theory of a bound Pearce wave. A joint solution of the equations of motion, continuity of the charge, Poisson, and the long line led to a system of differential equations of the sixth order. Assuming that under certain conditions it is possible to disregard the interaction of the space charge with a fast or a slow wave, it is possible to decrease the order of this system and to calculate the amplification factor, providing the interaction takes place only with a slow or a fast wave, respectively. A method

Card 1/2

UDC: 621.385.6

L 42911-66

ACC NR: AR6015866

is presented for the calculation of the amplification of parametric TWT and BWT (backward-wave tube) in this manner. [Translation of abstract] Bibliography of 9 titles. G. M.

SUB CODE: 09

Card 2/2 bdm

ZHELEZTSOV, A.P.

Studying backflow in systems with complicated tail ends of lifting
pipes. Trudy TSNIIIPodzemshakhtstroia no.3:38-48 '64. (MIRA 18:9)

ZHELEZNYY, B. (Leningrad)

Revolving two-lens turret attachment for "Pentac" camera. Sov.foto
21 no.9:34 S '61. (MIRA 14:9)
(Motion-picture cameras)

ZHELEZNYY Israil Moiseyevich

ZHELEZNYY Israil' Moiseyevich; PAVLOV, K.V., otvetstvennyy red.; ZVORYKINA,
L.N., red.izd-va; ALADOVA, Ye.I., tekhn.red.

[Manual in shaft sinking] Prokhodchik shakhtnykh stvolov. Moskva,
Ugletekhnizdat, 1957. 304 p.
(Shaft sinking)

POTAMOSHNEV, S.; IVANOV, G.; ZHELEZOV, V.

Planning labor productivity on the basis of labor involved in the
rubber industry. Biul.nauch.inform.: trud i zar.plata 4 no.6:
8-13 '61. (MIRA 14:6)

(Rubber industry—Labor productivity)

POTAMOSHNEV, S.P.; ZHELEZOV, V.A.; RUSAKOVA, V.N.

Role of the establishment of work norms and of the organization
of wages on the improvement of the quality of tire tread assembly.
Kauch. i rez. 23 no. 3:46-49 Mr '64. (MIRA 17:5)

1. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti.

POTAMOSHNEV, S.P.; IVANOV, G.G.; ZHELEZOV, V.A.

Experiment in the use of labor consumption data as an
analytical index of labor productivity in rubber tire plants.
Kauch.i rez. 21 no.5:42-47 My '62. (MIRA 15:5)

1. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti.
(Rubber industry—Labor productivity)

BELYAYEV, D.K.; KLOCHKOV, D.V.; ZIELEZOVA, A.I.

Effect of light on the reproductive function and fecundity of the
mink (*Mustela vison* Schr.). Biul. MOIP. Otd. biol. 68 no.2:107-125
Mr-Ap '63. (MIRA 17:2)

ZHELEDOVA, B.

"The Plant Erythrina verrucosa Scop as Raw Material for the Production of Guttapercha." p.74.

Professor Anastas St. Peshkov, Zimitrov Prize winner and corresponding member of the Bulgarian Academy of Sciences. p.77.
(PRIRODA, Vol. 2, No. 4, July/Aug., 1953, Sofiya.)

SO: Monthly List of East European Accessions, Vol. 3, No. 3
Library of Congress, 1954
March 1953, Uncl.

ZHELEZOVA, B.

The primrose of the Rila Mountains (*Primula deorum* Mvel.). Prir 1
znanie 12 no.7:13 S '59. (EEAI 9:10)
(Bulgaria--Primroses)

ZHELEZOVA, B.

Lichen flora of Bulgaria. Izv Inst bot BAN 7:351-357 '60.

MOTIKA, I.; ZHELEZOVA, B.

Monographic study of the Usnea genus in Bulgaria. Izv. inst.
bot. BAN 10:67-120 '62.

LAMREV, Zh.; IANKOV, N.; BUCHVAROVA, T.; ADZHAROVA, E.; ZHELEZOVA, B.

Antibacterial action of certain Bulgarian lichens. Izv. inst.
bot. BAN 10:121-129 '62.

ZHELEZOVA, R.

Lichen flora of Bulgaria, Izv. Inst. bot. BAN 10:195-198 '62.

Bulgaria/Microbiology; Antibiosis; Symbiosis

F

Abs Jour : Ref Zhur-Biol., No 13, 1958, 57551

Author : Zhelezova B.

Inst : Not given

Title : Lichens as a Source of Antibiotic Substances

Orig Pub : Priroda (Bulgaria), 1957, 6, No 3, 76-81

Abstract : No abstract

Card1/1

ZHELEZOVSKA, M. V.

ZHELEZOVSKA, M. V.--"Investigation of Problems in the Technology of Obtaining of
Foam-Slag Articles." Sub 30 Jan 52, Acad of Municipal Economy imeni
K. D. Pamfilov (Dissertation for the Degree of Candidate in the Technical
Science)

SO: VECHERNAYA MOSKVA, JANUARY-DECEMBER 1952

"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R002064710004-7

~~TYPE: COMMUNIST
SUBJECT: Team Represented at the Second Scientific Conference of the~~

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R002064710004-7"

"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R002064710004-7

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R002064710004-7"

ZHELEZOVSKIY, B.Ye.

Frequency conversion in traveling-wave tubes and backward-wave
tubes. Issv. vys. ucheb. zav., radiofiz. 8, no.2:319-329 '65.
(MIRA 18:6)

I. Saratovskiy gosudarstvennyy universitet.

"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R002064710004-7

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R002064710004-7"

present the roots of the dispersion equation obtained by iterations on a

DATA CODE: FC

NO DATA CODE: 100

DATA 2: 100

"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R002064710004-7

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"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R002064710004-7

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R002064710004-7"

FAZYLKHODZHAYEV, Kadyr Fazylovich, kand. ist. nauk; ZHELEZOVSKAYA,
Valentina Georgiyevna, kand. ist. nauk; MAKAROV, I.I., red.;
NAZAROVA, A.S., tekhn. red.

[Soviet Uzbekistan in the family of the friendly peoples of
the U.S.S.R.] Sovetskiy Uzbekistan v druzhnoi sem'e narodov
SSSE. Moskva, Izd-vo "Znanie," 1962. 46 p. (Novoe v zhizni,
nauke, tekhnike. I Seriya: Iстория, no.17) (MIRA 15:9)
(Uzbekistan—Economic conditions)

MAYSURADZE-MITROPOL'SKAYA, R.A. (Moscow); ZHELEZOVSKAYA, I.B. (Moscow).

Course of post partum period following manual removal of after-birth with prophylactic application of penicillin. Fel'd.i akush. no.12:33-35 D '53. (MLRA 6:12)

(Penicillin) (Labor, Complicated)

BUDNIKOV, P., akademik; ZHELMZOVSKAYA, M., kand. tekhn. nauk.

Obtaining lightweight aggregate from local materials. Stroi. mat.
4 no.3:23-25 Mr '58. (MIRA 11:3)

1. AN USSR.
(Lightweight concrete)

ZHELEZOVSKAYA, M. V.

PIROGOV, N.D.; ZHELEZOVSKAYA, M.V.; BILINSKIY, M.Ya., redaktor; SOKOLOVA, N.A., redaktor; KLYUCHIKINA, K.V., tekhnicheskiy redaktor.

[Brick stove mason] Kamenshchik-pechnik. Moskva, Trudreservizdat,
1953. 259 p. (MERA 7:7)
(Masonry) (Stoves, Earthenware)

MINCHIKOVSKIY, V.; ZHELEZOVSKAYA, N., inzh.; DANILOV, A., brigadir

Readers' letters. Mast.ugl. 9 no.9:23 8'60. (MIRA 13:10)

1. Dom tekhniki trests Kuybyshevugol' Kemerovskogo sovnarkhoza
(for Zelezovskaya). 2. Shakhta No. 29 kombinata Vorkutugol' (for
Danilov).

(Coal mines and mining)

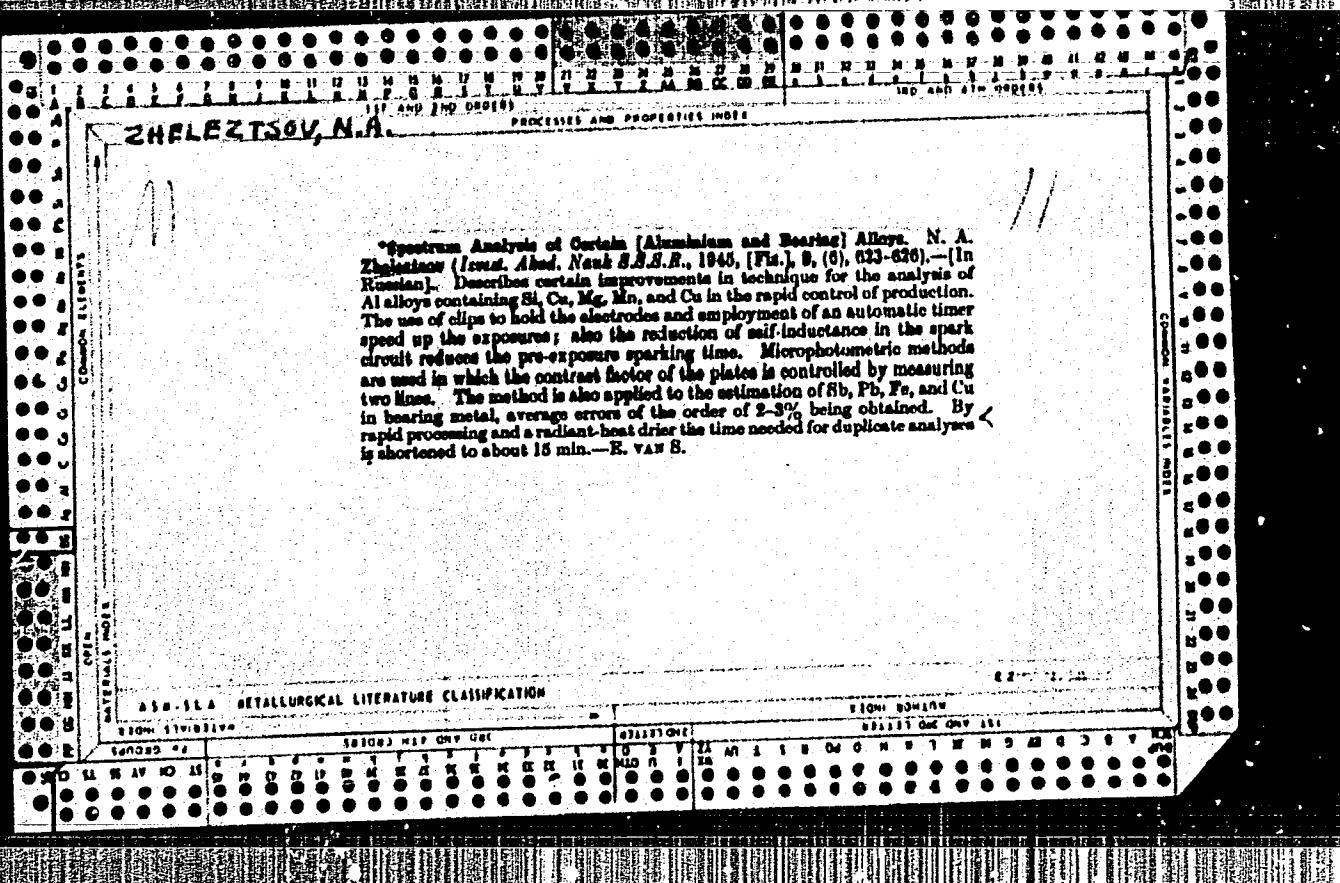
ZHELEZOVSKIY, V.; TIKHONOV, Yu.; SEMIK, A.; SHAPOVALOV, A., starshiy inzh.

Technical information. Okhr. truda i sots. strakh. 5 no.5:35,37-38
My '62.
(MIRA 15:5)

1. Oblastnoy sovet Vsesoyuznogo obshchestva izobretateley i
ratsionalizatorov, g. Rostov-na-Donu (for Shapovalov).
(Technological innovations)

ZHELEZTSOV, A.D.; BRAILOVSKIY, A.A.; GIL'MAN, A.M.; KOROLEV, V.I.;
KURAVISHNIKOVA, O.V.

Instrument used for recording trajectory movement. Rech.
transp. 18 no.5:45-46 My '59. (MIRA 12:9)
(Recording instruments) (Aids to navigation)



ZHELEZTSOV, N. A.

USSR/Electricity
Oscillators, Electron Tube
Circuits, Cathode

Apr 1948

"Self-Modulation of a Self-Excited Tube Oscillator
With Automatic Cathode Bias Circuit," N. A. Zhelez-
tsov, Phys Tech Inst, Gorkiy State U, 13 $\frac{1}{2}$ pp

"Zaur Tekh Fiz" Vol XVII, No 4 p.445-508

Simplified formulas were used to study the tube oscil-
lator having automatic cathode bias circuit. De-
termines terms for the amplitude of autooscillation
operating on the linear section of the tube charac-
teristics and explains conditions necessary for self-
modulation of the autooscillation. Shows necessity
for "mild" self-modulation. Data obtained was con-
firmed by experiments. Photographs of phase trajec-
tories were obtained for Van der Pol's planes with
the aid of cathode ray oscilloscope. Submitted
7 Oct 1947.

64769

ZHELEZTSOV N. A.

IA 151T23

USSR/Engineering - Servomechanisms Sep/Oct 49

"Concerning Kröner's Error," N. A. Zheleztsov,
Physicotech Inst, Gor'kiy State U, 8 pp.

"Avtomat i Telemekh" Vol X, No 5

Demonstrates the error in Kröner's statement, made
in 1920 in his "Ueber Isodrom-Regler," that Kröner's
system of direct regulation is stable for null and
small negative nonuniform regulation. Submitted
24 Jan 49.

151T23

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002064710004-7

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002064710004-7"

PA 164T59

ZHELEZTOV, N. A.

USSR/Physics - Multivibrator
Auto-Oscillation

JUL 50

"Theory of the Symmetric Multivibrator," N. A.
Zhelezsov, Physicotech Inst, Gor'kiy State U

"Zhur Tekh Fiz" Vol XX, No 7, pp 788-797

Subject problem, on assumption of lumped-linear
characteristics of tubes, reduces to a point trans-
formation of a segment (of characteristics curve)
into itself. Analysis of this transformation per-
mits one to follow easily the establishment of dis-
continuous auto-oscillations (self-induced) and to
indicate uniqueness and stability of discontinuous
periodic solution. Submitted 14 Feb 49.

164T59

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002064710004-7

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002064710004-7"

21 Nov 51

USSR/Physics - Phase Plane, Multivibrator
"Dok Ak Nauk SSSR" Vol LXXXI, No 3, pp 391-394

Theory of the Symmetric Multivibrator, "F. A. Zhelezov, I. V. Rodygin, Gor'kiy Res Phys-Tech Inst.

"Dok Ak Nauk SSSR" Vol LXXXI, No 3, pp 391-394
On the example of the sym multivibrator shown in
the diagram the authors give a method of consider-
ing discharge oscillations on the phase plane.
which the laws governing jumps in voltage are ob-
tained from approx considerations of the behavior
of the trajectories in the k-dimensional phase
space reflecting the states of the multivibrator

21478

and taking into consideration the small parasitic
capacitances C_a and C_b. Submitted by Acad. A. A.
Afanorov 24 Sep 51.

ZHELEZTOV, N. A.

21478

SOV/112-57-9-19810

Translation from: Referativnyy zhurnal, Elektrotehnika, 1957, Nr 9, p 269 (USSR)

AUTHOR: Alekseyev, A. S., Zhelezsov, N. A., Klibanova, I. M.

TITLE: Multivibrator Synchronization by Periodically-Recurrent Pulses
(O sinkhronizatsii mul'tivibratora periodicheski pvtoryayushchimisya
impul'sami)

PERIODICAL: Uch. zap. Gor'kovsk. un-t, 1956, Nr 30, pp 206-228

ABSTRACT: By the method of point transformations, the problem was investigated of synchronizing a multivibrator with one RC circuit by periodically-recurrent pulses, the duration of which is much shorter than the period of the multivibrator oscillations. As a result of the analysis, a part of the system parameter space was broken up into regions of various periodic motions. It has been shown that along with regions of simple synchronization, there are regions of various complex types of synchronization in the parametric space. For each of the parametric space regions, the problem was solved of the quantity, shape, and stability of simple and complex periodic (synchronized)

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SOV/112-57-9-19810

Multivibrator Synchronization by Periodically-Recurrent Pulses

multivibrator oscillations. The theoretical findings were subjected to a qualitative experimental check on a multivibrator hookup. To synchronize the multivibrator, square pulses with variable period and amplitude were used. During the experimentation, simple as well as complicated stable synchronization conditions were observed. The experimentally-found curves qualitatively confirm the theoretical curves. Presented are oscillograms of multivibrator self-oscillations and of simple synchronized oscillations in the intervals of which there fall 5 and 15 periods of external pulses, respectively. As pulse amplitude increased, more complicated stable synchronizing conditions changed into less complicated, in the sequence predicted by the theory. Oscillograms of complicated synchronized multivibrator oscillations are presented.

N.A.T.

Card 2/2

ZHELEZTSOV, N.A.

109-6-8/17

AUTHOR:

TITLE:

PERIODICAL:

ABSTRACT:

ZHELEZTSOV, N.A., FEYGIN, M.I.
On the Mode of Operation of a Symmetrical Multivibrator.
(O rezhimakh raboty simmetrichnogo multivibratora, Russian)
Radiotekhnika i Elektronika, 1957, Vol 2, Nr 6, pp 751 - 761
(U.S.S.R.)

The model of a symmetrical vibrator is investigated. The parasitic capacities and the line currents are taken into account, and a characteristic of the anode current without saturation is assumed. This gives a diagram of the destruction of the phase space of trajectories which differs substantially from hitherto published diagrams. By an approximate method for the destruction of a multi-dimensional phase space into subspaces of motion of various orders of magnitude and by the method of point transformations it is demonstrated here that three anodes of operation are possible: 1) both tubes are closed, 2) "rigid" operation of the self-oscillations, and 3) "soft" operation of the self-oscillations. Hitherto the opinion was held that self-oscillation is disturbed in the case of a negative shift of network greater than the terminal voltage. Here it is proved that in the parameter level an entire region exists where that is not

Card 1/2

ANDRONOV, Aleksandr Aleksandrovich, akademik [deceased]; VITT, Aleksandr Adol'fovich [deceased]; KHAYKIN, Semen Emmanuilovich; ZHELEZTSOV, N.A. Prinimala uchastiye: LEONTOVICH-ANDRONOVA, Ye.A., GRIGOROVA, V.I., red.; GAVRILOV, S.S., tekhn.red.

[Theory of vibration] Teoriia kolebanii. Izd.2. Perer. i dop.
N.A.Zheleztsova. Moskva, Gos.izd-vo fiziko-matem.lit-ry, 1958.
915 p. (MIRA 12:5)

(Vibration)

06516 SOV/141-58-1-6/14

AUTHOR: Zheleztsov, N. A.

TITLE: Theory of Relaxation Oscillations in the Second-Order System

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Radiofizika,
1958, Nr 1, pp 67-78 (USSR)

ABSTRACT: An autonomous dynamic system of the second order is considered. The behaviour of the system is described by the differential equations of the type:

$$\mu \dot{x} = F(x, y), \dot{y} = G(x, y) \quad (1)$$

where μ is a positive small parameter (see Refs 1-3). It is assumed that $F(x, y)$ and $G(x, y)$ are continuous functions having continuous partial derivatives, and that the phase plane of the system is the standard- x, y plane. The mapping of the phase plane by means of the trajectories of the system for small values of the positive parameter μ is represented by Eq (2); also, a curve F is constructed in the phase plane. The curve is described by Eq (3) and represents the phase line of a degenerate system; it is a system which is obtained when

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SOV/141-58-1-6/14

Theory of Relaxation Oscillations in the Second Order System

$\mu = 0$. Further, it is assumed that in the points determined by F the partial derivatives of the function $F(x, y)$ are not simultaneously zero. From Eqs (1) it follows that for $\mu \rightarrow +0$ the phase velocity of the transformation point is limited only in the vicinity of the curve F . Conversely, outside the immediate vicinity of the curve, the transformation point can have an arbitrarily large velocity. If the curve F has segments F^+ and segments F^- , and the sign of $F(x, y)$ is opposite to the sign of x , and if the transformation point slowly moves along F^+ and reaches a point A , the point then "avalanches" into the region of high velocities and moves stepwise along the trajectory $y = \text{const}$ until it returns to the line of slow motion F^- . The process is illustrated in Figs 1 which show the limit cycles of a relaxation system. The cycles are represented by closed curves which consist of the segments of the slow-motion trajectories and segments of the fast-motion trajectories or jumps ($y = \text{const}$); the curves are "traced" by the point periodically. The existence of the limit cycle is demonstrated in a theorem which states that in a sufficiently near vicinity of the relaxation limit cycle (C_0) there

Card 2/4 exists a unique and stable limit cycle of the system (as

06516

SOV/141-58-1-6/14

Theory of Relaxation Oscillations in the Second Order System represented by Eqs (1)), provided the positive parameter μ is sufficiently small. Further, it is shown that if $F(x, y)$, $G(x, y)$ and their derivatives F'_x , F'_y and G'_y are continuous functions and if Eqs (1) have a relaxation limit cycle (C_0) whose "breakdown" points have $F'_y \neq 0$ and $F''_{xx} \neq 0$, the system has a unique and stable limit cycle lying in $O(\sqrt{\mu})$ -vicinity of the relaxation limit cycle (C_0) , provided the parameter μ is sufficiently small. The theorem permits the application of the relaxation limit cycle of Eqs (1) as the zero approximation to the evaluation of the relaxation characteristics of the oscillations in the system. The

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06516

SOV/141-58-1-6/14

Theory of Relaxation Oscillations in the Second Order System

paper contains 4 figures and 5 references, of which 1 is
English and 4 are Soviet.

ASSOCIATION: Issledovatel'skiy fiziko-tekhnicheskiy institut pri
Gor'kovskom universitete (Physics Engineering Institute of
Gor'kiy University)

SUBMITTED: June 17, 1957.

Card 4/4

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002064710004-7

BARSUKOVA, N.F.; ZHELEZTSOV, V.A.

Method of determining the geometric properties of the surface of
drawn glass. Stek. i ker. 18 no. 3:14-18 Mr '61. (MIRA 14:5)
(Plate glass)

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002064710004-7"

ZHELEZTSOV, V.A.; BARSUKOVA, N.F.

Recording device for determining the optical distortions of a
flat sheet glass. Zav. lab. 29 no.10:1263 '63. (MIRA 16:12)

1. Zavod "Avtosteklo."

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002064710004-7

GURVITS, I.O.; ZHILINZTSOV, V.A.

Factory experimental shop. Stok. 1 kor. 17 no.10:21-22 '60.
(MIRA 13:10)

(Glass research)

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002064710004-7"

ZHELEZTSOV, V.A.; ZOLOTAREVA, R.S.

Collimator system for checking the optical distortions of
large mirrors and polished glass. Stek.i ker. 19 no.9:29-30
(MIRA 15:9)
S '62.

1. Zavod "Avtosteklo".
(Mirrors--Testing)

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002064710004-7

Zhelezsov, Ye.
ZHELEZSOV, Ye.

Advice to young construction workers. Stroitel' no.11:7-8 N '57.
(MIRA 10:12)

(Bricklaying)

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002064710004-7"

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002064710004-7

ZHELEZTSOV, Ye. instruktor peredovykh metodov truda po kamennym rabotam

Discussion on work organization. Stroitel' no.7:14 Jl '58.
(MIRA 11:9)

(Building)

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002064710004-7"

ZHELEZTSOV, Yefim Mikhaylovich; GUROV, S., red.; LIL'YE, A., tekhn.red.
[Progressive method in masonry work] Progressivnyi metod keramicheskoi
kladki. [Moskva] Mosk.rabochii, 1956. 39 p. (MIRA 11:1)
1. Instruktor peredovykh metodov truda instituta "Orgstroy."
(Masonry)

ZHELEZTOVA, T. P. (Eng.)

"Experimental Investigation of Rectifier Current Meters With Point-contact
and Junction Germanium Diodes"

(Use of Semiconductors in Instrument Making; Transactions of a Conference)
Moscow, Mashiz, 1958. 258 p.

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002064710004-7

ZHELKAL'KIN, G. A., DMOKHOVSKIY, V. V. and FRUZHANSKIY, S. V.

"Fluorograph FKF-1." Trudy Tsentral'nogo Nauchno-Issled Inst Rentgenol i Radiol
im V. M. Molotova, Vol. 8, pp 32-35, 1951.

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002064710004-7"

ZHELIASKOV, A.

"My Experience in Obtaining 3,523 Liters of Milk from Cows Fed With
Fodder", P. 27, (KOPERATIVNO ZEMEDELIE, Vol. 9, No. 2/3, 1954, Sofiya,
Bulgaria)

SO: Monthly List of East European Acquisitions, (EEAL), LC, Vol. 4, No. 1,
Jan. 1955, U ncl.

ZHELIASKOV, L.; AGOVA, M.; ZIKOLOVA, Sv.

New drugs in the treatment of tuberculosis, hydrazides and
hydrazone. Farmatsiia 4 no.1:26-29 Ja-F '54.
(NICOTINIC ACID ISOMERS,
*pharmacol.)

ZHELYAZKOV, L. [Zheliazkov, L.]; ZIKOLOVA, S.

Production, behavior and configuration of stereoisomeric
R/L-methyl-2-phenyl-2-hydroxy-ethyl-carbamoyl azides.
noklady BAN 17 no.2:149-152 '64.

1. Submitted by B.Kourtev [Kurtev, B.]

VERBEV, P.; ZELIAZKOV, S. [Zheliazkov, S.]; GABEV, E.; MONEV, V.; NINOV, N.

Studies on influenza in Sofia, 1962. Naukh. tr. vissh. med. inst.
Sofia 43 no. 2:13-18 '64

1. Chair of Epidemiology (Director - prof. P. Verbev).

ZHELIASKOVA-PANAIOTOVA, M.

"Geochemical methods of prospecting for ore deposits."

MINNO DELO, Sofia, Bulgaria, Vol. 14, no. 2, Mar./Apr. 1959.

Sept.
Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59,
Unclass

ZHELIAZKOV, A.

A case of stabilized function esophageal diverticulum. Khirurgia (Sofia) 16 no.9:875-878 '63.

1. Iz Katedrata po rentgenologii i radiologii VMI, Sofia.

*

ZHELIAZKOV, A.; TURTURIKOV, L.

An unusual form of progressive formation of fractures. Khirurgia,
Sofia 13 no.5:481-490 '60.

1. Obshtoarmeiska bolnitsa, Sofiia. Nachalnik M.Kutov.
(FRACTURES ETIOL)

ZHELIAZKOV, A.

Articular chondromatosis. *Khirurgija, Sofia 9 no.6:488-497*
1956.

1. Vissz meditsinski institut--Sofiia Institut po rentgenologija
direktor: prof. A. Nikolaev Poliklinika pri obshchoarmeiskata
bolnitsa, Nachalnik: R. Radevski.

(CHONDROMA,

 Joints (Bul)

(JOINTS, neoplasms,
 chondromatosis (Bul))

PESHEV, Iv.; ZHELIAZKOV, A.; IKONOMOV, G.

Roentgen diagnosis of esophageal fistulas. Khirurgiia (Sofia)
16 no. 7:599-606 '63.

1. Vissz meditsinski institut - Sofia, Katedra po rentgeno-
logija i radiologija, Rukovoditel na katedrata: prof. A. Nikolaev.
(ESOPHAGEAL FISTULA) (BRONCHIAL FISTULA)
(THORACIC RADIOGRAPHY) (DIAGNOSIS)

ZHELIAZKOV, A.

On cardial insufficiency with report of a case. Suvrem med., Sofia
no.4/5:193-196 '61

1. Iz obshtoapmenskata bolnitsa (Nachalnik M. Kutov.)
(STOMACH dis)

RADEVSKI, R.; ZHELIAZKOV, AN.

Appliance for fluorographic detection of bones and joints and
for localization of foreign bodies. Khirurgia, Sofia 8 no.6:
562-569 1955.

(BONES, radiography.)

(JOINTS, radiography.)

(FOREIGN BODIES, diagnosis,

x-ray)

(ROENTGENOGRAPHY, apparatus and instruments,
for bone & joint x-ray & localization for for.bodies)

ZHIVKOV, E.S.; ZHELIAZKOV, D.; ABAIZHIEVA-ANDREEVA, M.

The anticataractogenic effect of certain substances containing
mercaptopyrine-unithiol and potassium ethylxanthogenate.
Nauch. tr. vissh. med. inst. Sofia 41 no.2:71-79 '62.

1. Predstavena ot dots. E. Zhivkov.
(DIMERCAPROL) (MERCAPTOPURINE) (CATARACT)

PASKOV, D.; ZHELIAZKOV, D.; ISAEV, Iv.; BOIADZHIEVA, M.; MILEV, M.

Production and pharmacological analysis of a purified Digitalis
ambigua cardiac preparation. Nauch. tr. vissh. med. inst.
Sofia 41 no.4:39-50 '62.

1. Predstavena ot prof. P. Nikolov.
(DIGITALIS GLYCOSIDES)

ZHELIAZKOV, D.

"Effect of Vitestrol, a Bulgarian synthetic estrogen preparation, upon blood pressure."

IZVESTIIA. SERIIA EKSPERIMENTALNA BIOLOGIJA I MEDITSINA, Sofia, Bulgaria,
No. 1, 1957.

Monthly List of East European Accessions Index (EEAI), The Library of Congress, Volume 8, No. 8, August 1959.

Unclassified

ZHELIAZKOV, D.

Effect of histamine on some glands of internal secretion (adrenal and thymus). Suvrem. med. Sofia 8 no.7:3-8 1957.

1. Iz katedrata na farmakologija pri VMI - Sofiia Zav. katedrata: prof. P. Nikolov.

(ADRENAL GLANDS, eff. of drugs on histamine, in young rats)

(THYMUS, eff. of drugs on same)

(HISTAMINE, eff. on adrenal glands & thymus in young rats)

RUSINOV, K., ZHELIAZKOV, D., GEORGIEV, V.

Pharmacological studies on Vinca herbacea W. K. alkaloids. I. Izv.
inst. fiziol. 5:271-306 '62.

(ALKALOIDS pharmacol)

RUSINOV, K.; ZHELIAZKOV, D.; GEORGIEV, V.

On the blocking effect of alkaloids of Vinca herbacea W. K.
on myoneural synapses. Izv. inst. fiziolog. (Sofia) 6:213-
227 '63.

(FROGS) (POULTRY) (ALKALOIDS)
(MYONEURAL JUNCTION) (PHARMACOLOGY)

SAEV, G. K.; ZHELIAZKOV, D. Kr.

Vitamin B12; biochemistry and pharmacology. Suvrem. med., Sofia
7 no.6:71-77 1956.

(VITAMIN B12,
biochem. & pharmacol. (Bul))

ZHELIAZKOV, D.K.

Curare-like action of alkaloids of Vinca minor; preliminary report.
Suvrem. med., Sofia 9 no.9:16-19 1958.

1. Iz Katedrata po farmakologija pri VMI-Sofiia (zav. katedrata: prof. P. Nikolov).

(ALKALOIDS, eff.

curare-like eff. of alkaloids of Vinca minor (Bull))

ZHELIAZKOV, D.K.; KOZLOVSKI, G.; NIKOLOVA, M.P.; IONATOVA, Z.P.

Experimental and clinical studies on hair growth stimulating effect
of trichloroethylamine (TS-160). Suvrem. med., Sofia 8 no.10:
72-83 1957.

1. Iz Katedrata po farmakologija pri VMI--Sofia (zav. katedrata: prof.
P. Nikolov) i Katedrata po dermatologija pri VMI--Sofia (cav. katedrata:
prof. L. Popov).

(NITROGEN MUSTARDS, effects,
trichloroethylamine on hair growth (Bul))

(ETHYLAMINES, effects,
same)

(HAIR, effect of drugs on,
trichloroethylamines on growth (Bul))

ZHELIAZKOV, I; MARINOV, M.

"Retarding the development of discharge in low-voltage halogen computers in relation to the temperature." In Russian. p. 17

DOKLADY. Sofia, Bulgaria, Vol. 12, No. 1, January/February, 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 9, No. 2, February, 1960. Unc1.

MARINOVA, Kr., asistent; ZHELIAZKOV, Iv., asistent

Some basic principles in solving the problems of mechanics.
Mat i fiz Bulg 8 no.1:13-18 Ja-F '65.

1. FF na SU "Kliment Okhridski".

ZHELIAZKOV, L.

"Synthesis of compounds with assumed antituberculosis activation. III. Hydrazides and hydrazone."

p. 14. (Khimiia I Industriia, Vol. 30, no. 1, 1958, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEA) LC, Vol. 7, No. 12, Dec 58)

ZHELIAZKOV, Liubomir

Problems of the chemical and pharmaceutical industry. Khim i
industriia 35 no.5:161-162 '63.

ZHELIAZKOV, L.; BIKOVA, N.

Synthesis of simplified structural analogues of galantamine-benzylamine-derivatives. Doklady BAN 14 no.6:607-610 '61.

1. Submitted by Academician D. Ivanov.

ZHELIAZKOV, L.; ZIKOLOVA, Sv.; AGOVA M; MUTAFCHEVA, E.

Synthesis of new compounds with antituberculous properties, III.
Hydrazides and hydrazone of α -cyanocarbonic acid. Farmatsiaia, Sofia
5 no.3:17-20 My-Jé '55.

(ACETIC ACID, derivatives,
cyanoacetic acid hydrazides & hydrazone, ther. of
tuberc. review)

(TUBERCULOSIS, therapy,
cyanoacetic acid hydrazides & hydrazone, review)

ZHELIAZKOV, L.; BIKOVA, N.; ZIKOLOVA, S.; PETKOVA, E.

A new method of synthesis of 1-phenyl-2-amino propanol (norephedrin and norpseudoephedrin). Farmatsiya, Sofia 4 no.5:25-33 Sept-Oct 54.
(SYMPATHOMIMETICS, preparation of phenylpropanolamine)

ZHELIAZKOV, S.; RADEV, Iv.

Clinico-microbiological investigations of tonsillitis in dysentery. Suvrem.med., Sofia 6 no.5:43-47 1955.

Iz Katedrata po epidemiologija i infektsionni bolesti pri Vissshiia meditsinski institut Vulko Chervenkov-Sofija (zav. katedrata: prof. P. Verbev)

(DYSENTERY, BACILLARY, complications,
tonsillitis)

(TONSILLITIS, complications,
dysentery)

VERBEV, P.; KOEN, M.; ZHELIAZKOV, S.; MONEV, V.; NEICHEVA, E.

Coli dyspepsias. (Epidemiological and clinical analysis).
Nauch tr. vissh. med. inst. Sofia 42 no.2:15-27 '63.

1. Predstavena ot prof. P. Verbev, rukovoditel na Katedrata
po epidemiologija i infektsiozni bolesti.
(ESCHERICHIA COLI INFECTIONS)
(DYSPEPSIA) (INFANT NUTRITION DISORDERS)
(EPIDEMIOLOGY)

VERBEV, P.; ZHELIAZKOV, S.; GEORGIEVA, M.; MONEV, V.; MANOLOV, R.
EFREMOVA, A.

Some problems related to the etiology and epidemiology of
enterocolitis. Suvr. med. 13 no.8:3-8 '62.

(ENTEROCOLITIS, ACUTE)
(DYSENTERY, BACILLARY)
(FOOD POISONING)
(ESCHERICHIA COLI INFECTIONS)
(INTESTINAL DISEASES, PARASITIC)

ZHELIAZKOV, S.
VERBEN, P.; ZHELIAZKOV, S.; GEORGIEVA, M.; KONEV, V.; MANOLOV, R.
ZEMEROVA, A.

Some problems related to the etiology and epidemiology of
enterocolitis. Suvar. med. 13 no.8:3-8 '62.

(ENTEROCOLITIS, ACUTE)
(DYSENTERY, BACILLARY)
(FOOD POISONING)
(ESCHERICHIA COLI INFECTIONS)
(INTESTINAL DISEASES, PARASITIC)

ZHELIAZKOV, S.

Rhinocytology in epidemiologic investigations of infections of the respiratory tract. Nauch. tr. Med. akad. Chervenkov, Sofia 1 no.1; 295-306 1953.

1. Predstavena ot prof. P.Verbev, zaveshdashch Katedrata po epidemiologii i infektsionni bolesti.

(RESPIRATORY TRACT, diseases,
nose cytol. in)

(NOSE,
cytol. in resp. tract dis.)

ZHELIAZKOV, S.; MARKHOLEV, K.; KALFIN, M.; POPTODOROV, K.

Interpretation of the mechanism of infection and immunity of tetanus according to nervosism. Sovrem. med., Sofia 5 no.7:95-99 1954.

1. Is Katedrata po epidemiologii i infektsionsni bolesti pri Med. akademia V.Chervenkov (Zav. katedrata: prof. P.Verbev)
(TETANUS, physiology,
nervosism)

VERBEV, P.; PALEV, Iv.; ZHELIAZKOV, S.

Considerations on epidemiology and clinical aspects of scarlet fever in Sofia during 1950-51. Nauch. tr. Visssh. med. inst. Chervenkov, Sofia 2 no.4:1-28 1956.

1. Predstavena ot prof. P. Verbev, zamezhdashch Katedrata po epidemiologii i infektsiosni bolesti.
(SCARLET FEVER, epidemiology,
in Bulgaria (Bul))

VERBEV, P.; ZHELIAZKOV, S.; GUBEV, E.; MONEV, V.; PETROV, G.; KHADZHIKOLOVA, Khr.

Influenza in Sofia in 1959. Nauch. tr. vissh. med. inst. Sofia 40
no.2:55-77 '61.

1. Predstavena ot prof. P. Verbev, rukovoditel na Katedrata po epidemiologija i infektsiozni bolesti.

(INFLUENZA epidemiol)

VERBEV, P.; TANEV, I.; ZHELIAZKOV, S.; SHTEREV, P.; SELEKTAR, A.; KHAITOV, A.

Epidemiological role of various conditions and duration of hospitalization in the treatment of scarlet fever. Nauch. tr. vissh. med. inst. Sofia 40 no.2:139-153 '61.

1. Predstavena ot prof. P. Verbev, rukovoditel na Katedrata po epidemiologija i infektsiozni bolesti.

(SCARLET FEVER ther)

VERBEV, P.; ZHELIAZKOV, S.; GEORGIEVA, M.; MOHEV, V.; MANOLOV, R.; EFREMOVA, A.

Etiopathogenic studies on 1,776 enterocolitis patients. Nauch. tr.
viss. med. inst. Sofia 40 no.3:129-145 '61.

1. Predstavena ot prof. P. Verbev, rukovoditel na Katedrata po epi-
demiologija i infektsiozni bolesti pri viss. meditsinski institut,
Sofiia.

(COLITIS etiol)

TANEV, Iv.; POPOV, An.; TODOROV, M.; ZHELIAZKOV, S.; SHUBAROV, K.;
RANGELOVA, St.; LIUTSKANOV, St.

Differential diagnosis of suspected cases of poliomyelitis. Nauch.
tr. vissh. med. inst. Sofia 40 no.3:147-160 '61.

1. Predstavena ot prof. P. Verbev, rukovoditel na Katedrata po infektsio-
zni bolesti i epidemiologiiia, Direktor na klinikata: prof. Iv. Tanev.

(POLIOMYELITIS diag)

VERBEV, P.; ZHELIAZKOV, S.; GUBEV, E.; MONEV, V.; PETROV, G.;
KHADZHIKOLEVA, Khr.

Influenza in Sofia during 1959. Suvrem med., Sofia no.2:31-36 '61.

1. Katedra po epidemiologija i infektsiozni bolesti pri Visshia
meditsinski institut, Sofia. (Rukov. na katedrata prof. P. Verbev.)

(INFLUENZA statist)

VERBEV, P.; GUBEV, E.; MANOLOVA, N.; ZHELIAZKOV, S.; MONEV, V.

Considerations on the epidemiology of influenza in Bulgaria. Nauch.
tr. vissch. med. inst. Sofia 40 no.2:29-53 '61.

1. Predstavena ot prof. P. Verbev, rukovoditel na Katedrata po epidemiologija i infektsiozni bolesti.

(INFLUENZA epidemiol)

VERBEV, P.; ZHELIAZKOV, S.; GUBEV, E.; SELEKTAR, A.

Influenza in Sofia in 1957. Nauch. tr. vissh. med. inst. Sofia 40 no.2:
121-138 '61.

1. Predstavena ot prof. P. Verbev, rukovolitel na Katedrata po epidemiologija i infektsiozni bolesti.

(INFLUENZA epidemiol)

ZHELIAZKOV, T.

"Aiding Workers of the Local Sanitary Section." p. 1,
(ZDRAVEN FRONT, No. 47, Nov. 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

Zhetiazkov, I.

LOLOV, V., dots.; SILDAREV, N.; KOLAROV, P.; MALAMOV, E., ZHETIAZKOV, T.

Verification of myocardial lesions in rheumatism with the aid of
precordial leads. Suvrem.med., Sofia 6 no.3:47-50 1955.

1. Iz Klinikata po bolnichna terapiia pri Visshiaia meditsinski
institut V.Chervenkov - Sofiia (zav. katedrata: prof. Al.Pukhlev)
(ELECTROCARDIOGRAPHY, in various diseases,
rheum. heart dis., precordial leads)
(RHEUMATIC HEART DISEASE, diagnosis,
ECG, precordial leads)